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Doctorado
CINVESTAV-IPN Unidad Mérida,
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Resumen Curricular 2014

LÍNEAS DE INVESTIGACIÓN

- Parasitología acuática, principalmente la sistemática biológica (morfológica y molecular) de monogeneos (Platelmintos) de importancia veterinaria que infectan a peces tropicales silvestres y de cultivo.
- Uso de la similitud morfológica y/o molecular de los monogeneos como herramienta de estudio en biogeografía, filogenia, especiación y otros conceptos evolutivos asociados con las relaciones hospeder-parásito.

PROYECTOS EN PROCESO

- Cuantificación de la Ectoparasitosis (platelmintos, monogenea) de la Corvina *Sciaenops Ocellatus* (perciformes, sciaenidae) Introducida en Campeche, México para su Cultivo.

Docencia

- Posgrado
 - Parásitos como Indicadores de Salud de Ecosistemas Costeros (MMMZ Costero-Marina, Centro EPOMEX-Facultad CQB).
 - Enfoque Ecosistémico de la Acuicultura (MMMZ Costero-Marina, Centro EPOMEX-Facultad CQB).

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<http://etzna.uacam.mx/epomex/epomex.html>

PUBLICACIONES RECIENTES

- Mendoza Franco EF, RE del Rio Rodríguez, M. del C. Rosado Tun 2013. Monogenoideans (Platyhelminthes) from the gill lamellae of the spotted seatrout *Cynoscion nebulosus* (Perciformes, Sciaenidae) from the western coast of the Yucatan, Peninsula, Mexico, with redescription of *Diplectanum bilobatus* Hargis 1955 (Diplectanidae). *Parasitology Research*. 112:2831–2838. DOI 10.1007/s00436-013-3454-8.
- Mendoza Franco EF, J. M. Caspeta-Mandujano y G. Salgado-Maldonado 2013. New species of *Cacatuocotyle* (Monogenoidea, Dactylogyridae) parasitizing the anus and the gill lamellae of *Astyanax aeneus* (Pisces, Ostariophysi: Characidae) from the Rio Lacantún basin in the Biosphere Reserve of Montes Azules, Chiapas, Mexico. *Parasitology Research* 112:199-205.
- Kritsky DC, WA Boeger, EF Mendoza-Franco and RT Vianna 2013. Neotropical Monogenoidea. 57. Revision and phylogenetic position of *Scleroductus* Jara & Cone, 1989 (Gyrodactylidae), with descriptions of new species from the Guatemalan chulin, *Rhamdia guatemalensis* (Günther) (Siluriformes, Heptapteridae), in Mexico and the barred sorubim, *Pseudoplatystoma fasciatum* (Linnaeus) (Siluriformes, Pimelodidae) in Brazil. *Systematic Parasitology* 84:1-15.
- Mendoza-Palmero CA, T. Scholz, EF Mendoza-Franco, and R. Kuchta 2012. New species and geographical records of dactylogyrids (Monogenea) of catfish (Siluriformes) from the Peruvian Amazonia. *Journal of Parasitology*- 98 (3): 484-497.
- Mendoza-Franco EF and VM. Vidal-Martínez 2011. First Records of known endoparasitic species of *Pseudempleurosoma* Yamaguti, 1965 (Monogenoidea: Dactylogyridae) from tetraodontid and rachycentrid fish from the northern coast of the Yucatan, Peninsula, Mexico. *Journal of Parasitology*- 97 (6): 1020-1025.
- Mendoza-Franco EF and J. Violante-González 2011. Two new species of *Haliotrema* (Monogenoidea, Dactylogyridae) from *Cirrhitis rivulatus* (Perciformes, Cirrhitidae) from the Pacific coast of Mexico. *Journal of Parasitology*. 97 (5): 800-804.
- Rosim DF, Mendoza Franco EF and JL Luque 2011. New and previously described species of *Urocleidoides* (Monogenoidea: Dactylogyridae) infecting the gills and nasal cavities of *Hoplias malabaricus* (Characiformes: Erythrinidae) from Brazil. *Journal of Parasitology* 97 (3): 406-417.
- Mendoza-Franco, E.F., J. Violante-González and A. A. Rojas Herrera 2011. Six new and one previously described species of *Pseudorhabdosynochus* (Monogenoidea, Diplectanidae) infecting the gills of groupers (Perciformes, Serranidae) from the pacific coasts of Mexico and Panama. *Journal of Parasitology* 91 (1): 20-35.
- Caspeta-Mandujano, J., G. Cabañas-Carranza y E. F. Mendoza-Franco. 2009. Helmintos parásitos de peces dulceacuícolas mexicanos, caso Morelos. AGT, Editor, S.A. Primera Edición, Progreso 202 Planta Alta, Col. Escandón, Mexico, DF. 129 p.
- Kritsky, D.C., E.F. Mendoza-Franco, S.A. Bullard, y V.M. Vidal-Martínez, 2009. Revision of the amphiamerican *Neotetraonchus* Bravo-Hollis, 1968 (Monogenoidea: Dactylogyridae), with a description of *N. vegrandis* n. sp. from the gill lamellae of the blue sea catfish, *Ariopsis guatemalensis* (Siluriformes: Ariidae), off the Pacific coast of Mexico. *Systematic Parasitology*, 74 (1): 1–15.

- Mendoza-Franco, E.F., y T. Scholz, 2009. New dactylogyrids (Monogenoidea) parasitizing the gills of catfishes (Siluriformes) from the Amazon River basin in Peru. *Journal of Parasitology*, 95 (4): 865-870.
- Mendoza Franco, E. F., R. G. Reina, y M. E. Torchin, 2009. Dactylogyrids (Monogenoidea: Platyhelminthes) parasitizing the gills of *Astyanax* spp. (Characidae) from Panama and southeast Mexico, a new species of *Diapharocleidus*, and proposal for *Characithecium* n. gen. *Journal of Parasitology*, 95 (1): 46-55.
- Mendoza-Franco, E.F., C. Reyes-Lizama, y D. González-Solís, 2009. *Haliotrematoides* spp. (Monogenoidea, Dactylogyridae) infecting the gills of grunts (Perciformes, Haemulidae) from the southern coast of Quintana-Roo, Mexico. *Journal of Parasitology*, 95 (6): 1360-1363.
- Mendoza Franco, E.F., J. Violante-González, y D.G. Roche, 2009. Interoceanic occurrence of species of *Aristocleidus* Mueller, 1936 (Monogenoidea: Dactylogyridae) parasitizing the gills of gerreid fishes in the Neotropics. *Parasitology Research*, 105 (3): 703-708.
- Mendoza-Franco, E.F., T. Scholz, y P. Rozkošná, 2010. *Tucunarella* n. gen. and other dactylogyrids (Monogenoidea) from cichlid fish (Perciformes) from Peruvian Amazonia. *Journal of Parasitology*, 96 (3): 491-498.
- Mendoza-Franco, E.F., J. Violante-González, y A. A. Rojas Herrera, 2011. Six new and one previously described species of *Pseudorhabdosynochus* (Monogenoidea, Diplectanidae) infecting the gills of groupers (Perciformes, Serranidae) from the pacific coasts of Mexico and Panama. *Journal of Parasitology*, 97 (1): 20-35.
- Roche, D. G., B. Leung, E. F. Mendoza Franco, y M.E. Torchin, 2010. Higher parasite richness, abundance, and impact in native versus introduced cichlid fishes. *International Journal for Parasitology*, 40 (13): 1525-1530.
- Rosim, D.F., Mendoza Franco, E.F., y J. L. Luque, 2011. New and previously described species of *Urocleidoides* (Monogenoidea: Dactylogyridae) infecting the gills and nasal cavities of *Hoplias malabaricus* (Characiformes: Erythrinidae) from Brazil. *Journal of Parasitology*, 97 (3): in Press.
- Violante-González, J., E.F. Mendoza-Franco, A. Rojas-Herrera, y A. Gil Guerrero, 2010. Factors determining parasite community richness and species composition in Black snook *Centropomus nigrescens* (Centropomidae) from the coastal lagoons in Guerrero Mexico. *Parasitology Research*, 107 (1): 59-66.